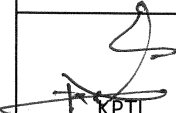


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|  <b>Kalpataru Power transmission Limited</b> |                 | QUALITY MANAGEMENT SYSTEM                |                                |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------|--------------------------------|
| PROPOSED ASSEMBLY DETAILS                                                                                                     |                 | 01053-JMC-2281-19F-0000055 R0            |                                |
| DEPTH OF STRATA                                                                                                               | G.P.-<br>BLOCK- | MOHNA PUR BAHORPUR<br>LAKSHMIPUR         |                                |
|                                                                                                                               |                 | DPR DETAILS                              |                                |
|                                                                                                                               |                 | SL                                       | Lowering Date                  |
|                                                                                                                               |                 |                                          | 19.04.2023                     |
|                                                                                                                               |                 | 1                                        | Water Discharge in LPM         |
|                                                                                                                               |                 |                                          | 450                            |
|                                                                                                                               |                 | 2                                        | Bore well Drilling             |
|                                                                                                                               |                 |                                          | 154                            |
|                                                                                                                               |                 | 3                                        | Drilling Depth 500MM Dia       |
|                                                                                                                               |                 |                                          | 154 600MM Dia                  |
|                                                                                                                               |                 | 4                                        | Tube well Assembly-            |
|                                                                                                                               |                 |                                          | 140                            |
|                                                                                                                               |                 | 5                                        | 300MM Dia                      |
|                                                                                                                               |                 |                                          | 200MM Dia 150MM Dia            |
|                                                                                                                               |                 | 6                                        | 36 104                         |
|                                                                                                                               |                 | <b>1- LOGGING REPORT</b>                 |                                |
|                                                                                                                               |                 | SL                                       | Depth Logged- MBGL             |
|                                                                                                                               |                 |                                          | Thickness in Mtr. Remarks      |
|                                                                                                                               |                 | 1                                        | 30 - 42 12 SAND                |
|                                                                                                                               |                 | 2                                        | 48 - 51 3 SAND                 |
|                                                                                                                               |                 | 3                                        | 58 - 63 5 SAND                 |
|                                                                                                                               |                 | 4                                        | 74 - 76 2 SAND                 |
|                                                                                                                               |                 | 5                                        | 104 - 118 14 SAND              |
|                                                                                                                               |                 | 6                                        | 144 - 152 8 SAND               |
|                                                                                                                               |                 | 7                                        |                                |
|                                                                                                                               |                 | 8                                        |                                |
|                                                                                                                               |                 | 9                                        |                                |
|                                                                                                                               |                 | <b>2- ASSEMBLY DETAILS</b>               |                                |
|                                                                                                                               |                 | 200 MM DIA HOUSING PIPE A.G.L.           |                                |
|                                                                                                                               |                 | 0.50                                     |                                |
|                                                                                                                               |                 | 200 MM DIA HOUSING PIPE                  |                                |
|                                                                                                                               |                 | 36.16                                    |                                |
|                                                                                                                               |                 | 200 MM DIA REDUCER PIPE                  |                                |
|                                                                                                                               |                 | 35.66                                    | TO 35.86                       |
|                                                                                                                               |                 | 150 MM DIA PLAIN PIPE                    | 35.86 TO 59.91                 |
|                                                                                                                               |                 | 150 MM DIA SCREEN PIPE                   | 59.91 TO 62.91                 |
|                                                                                                                               |                 | 150 MM DIA PLAIN PIPE                    | 62.91 TO 105.19                |
|                                                                                                                               |                 | 150 MM DIA SCREEN PIPE                   | 105.19 TO 117.21               |
|                                                                                                                               |                 | 150 MM DIA PLAIN PIPE                    | 117.21 TO 123.23               |
|                                                                                                                               |                 | TOTAL ASSEMBLY= 123.23 M+A.G.L.= 123.73  |                                |
|                                                                                                                               |                 | <b>3- Proposed Assembly for Lowering</b> |                                |
|                                                                                                                               |                 | 1                                        | 300MM DIA MERW PIPE PLAIN PIPE |
|                                                                                                                               |                 |                                          | -                              |
|                                                                                                                               |                 | 2                                        | 200MM DIA MERW PIPE PLAIN PIPE |
|                                                                                                                               |                 |                                          | 36.16                          |
|                                                                                                                               |                 | 3                                        | 150MM DIA MERW PIPE PLAIN PIPE |
|                                                                                                                               |                 |                                          | 72.35                          |
|                                                                                                                               |                 | 4                                        | 300/150 MM DIA REDUCER         |
|                                                                                                                               |                 |                                          | -                              |
|                                                                                                                               |                 | 5                                        | 200/150 MM DIA REDUCER         |
|                                                                                                                               |                 |                                          | 1                              |
|                                                                                                                               |                 | 6                                        | 150MM DIA MSERW SLOTTED PIPE   |
|                                                                                                                               |                 |                                          | 15.02                          |
|                                                                                                                               |                 | 7                                        | 300MM DIA WELL CAP             |
|                                                                                                                               |                 |                                          | -                              |
|                                                                                                                               |                 | 8                                        | 200MM DIA WELL CAP             |
|                                                                                                                               |                 |                                          | 1                              |
|                                                                                                                               |                 | 9                                        | 150MM DIA CENTER GUIDE         |
|                                                                                                                               |                 |                                          | 2                              |
|                                                                                                                               |                 | 10                                       | GRAVEL PACKING                 |
|                                                                                                                               |                 |                                          | -                              |
|                                                                                                                               |                 | 11                                       | 600 MM DIA BORE DIGGING        |
|                                                                                                                               |                 |                                          | -                              |
|                                                                                                                               |                 | 12                                       | 500 MM DIA BORE DIGGING        |
|                                                                                                                               |                 |                                          | 160                            |
|                                                                                                                               |                 | TOTAL ASSEMBLY = 123.73                  |                                |



KPTL



TPIA



JE UPJN



AEUPJN

EE UPJN



## (Ground Water Assessment &amp; Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/052

Date: 16-04-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Mohanapur Bahorpur, Block – Lakshmipur, Distt. – Maharajganj

Drilling Depth (m) : 160.00 mbgl as reported by Driller

Logged Depth (m) : 154.00 ~~mbgl~~

Date of Logging : 16.04.2023

Types of Log : S.P., Resistivity (Normal) & Natural Gamma

Logger Used : Robertson Geologging.,

Bore Hole Drilled by : Kalpatru Power Transmission Ltd.,

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

| Sl. No.      | Depth Range (m, bgl) | Thickness (m) | Quality & Types of Strata | R <sub>mf</sub> & R <sub>w</sub>                                            |
|--------------|----------------------|---------------|---------------------------|-----------------------------------------------------------------------------|
| <del>1</del> | 30 – 42              | 12            | Good                      | <del>R<sub>mf</sub> = 10.66 Ωm</del><br><del>R<sub>w</sub> = 33.43 Ωm</del> |
| <del>2</del> | 48 – 51              | 3             | Good                      |                                                                             |
| <del>3</del> | 58 – 63              | 5             | Good                      |                                                                             |
| 4            | 74 – 76              | 2             | Good                      |                                                                             |
| <del>5</del> | 104 – 118            | 14            | Good                      |                                                                             |
| <del>6</del> | 144 – 152            | 8             | Good                      |                                                                             |

Remark : Almost all zones are intermixed with fine bands of kankar.

Verified as per  
logs provided

G. Sh

17/04/23

*Dr. Singh*  
  
 (A.K. Singh)  
 Geophysicist